ABSTRACT

Title: CELLULAR RADIO SIGNAL WITH ADDITIONAL CHANNEL ASSIGNED TO DOWNLINK, CORRESPONDING METHOD, SYSTEM AND BASE STATION

The invention concerns a cellular radio telephone signal comprising a symmetrical two-way main channel, including a main uplink and a main downlink, in particular transmitting low or medium speed data and signaling and control data, and comprising at least one additional channel solely assigned to the downlink, transmitting in particular, high speed data transmission. At one given time, all or part of said supplementary channel transmission capacity can be dynamically allocated to a particular mobile station. Information for retrieving data intended for a particular mobile station and carried by said supplementary channel can be transmitted among said main downlink signaling and control data.